

In the Claims:

The status of the claims is as follows. This listing of claims replaces all prior versions and listings of claims in the application.

1-91 (Cancelled).

92. (Currently Amended) An energy management device for use in an energy management architecture for managing the flow of energy in an energy distribution system, said energy management architecture comprising a network, said energy management device comprising:

a sensor coupled with said energy distribution system and operative to measure an energy parameter from said energy distribution system;

a processor coupled with said sensor and operative to generate power management data based on said measured energy parameter, wherein said processor further is operative to determine a geographical location of said energy management device; and

a network interface coupled with said processor and said network and operative to facilitate communications of said power management data and said geographical location over said network, ~~wherein said network interface comprises a cellular modem.~~

wherein said power management data may be authenticated based on said geographical location.

93. (Previously Presented) The energy management device of claim 92, wherein said energy distribution system comprises an electrical power distribution network.

94. (Previously Presented) The energy management device of claim 92, wherein said network interface further comprises at least one of an Ethernet interface, a wired modem, Bluetooth, or an AC power line data network interface.

95. (Previously Presented) The energy management device of claim 94, wherein said wired modem comprises at least one of a modem using the serial line interface protocol ("SLIP"), a modem using point to point protocol ("PPP"), an integrated services digital network ("ISDN") modem, or digital subscriber line ("DSL") modem.
96. (Currently Amended) The energy management device of claim 92, wherein said a cellular modem is operative to determine a said geographical location of the energy management device.
97. (Previously Presented) The energy management device of claim 96, wherein said geographical location is determined by RF triangulation.
98. (Cancelled).
99. (Cancelled).
100. (Previously Presented) The energy management device of claim 92, wherein said communications over said network interface are via Transmission Control Protocol/Internet Protocol ("TCP/IP").
101. (Currently Amended) An energy management architecture for managing the flow of energy in an energy distribution system comprising:
a network;
at least one energy management device coupled with a portion of said energy distribution network, each of said at least one energy management device operative to at least one of generate power management data or respond to a power management command, each of said at least one energy management devices comprising:
a processor operative to process at least one of said power management data or said power management command, and further operative to determine a geographical location of said energy management device; and

a network interface operative to couple said processor and said network, further operative to at least one of facilitate transmission of said power management data and said geographical location over said network, or receive said power management command over said network, wherein said power management data may be authenticated based on said geographical location wherein said network interface comprises a cellular modem coupling said processor and said network;

said architecture further comprising:

a power management application coupled with said network and operative to at least one of receive and process said power management data from said at least one energy management device, or generate said at least one power management command to said at least one energy management device.

102. (Previously Presented) The energy management architecture of claim 101, wherein said energy distribution system comprises an electrical power distribution network.
103. (Previously Presented) The energy management architecture of claim 101, wherein said network interface further comprises at least one of an Ethernet interface, a wired modem, Bluetooth, or an AC power line data network interface.
104. (Previously Presented) The energy management architecture of claim 103, wherein said wired modem comprises at least one of a modem using the serial line interface protocol ("SLIP"), a modem using point to point protocol ("PPP"), an integrated services digital network ("ISDN") modem, or digital subscriber line ("DSL") modem.
105. (Currently Amended) The energy management architecture of claim 101, wherein said a cellular modem is operative to determine a said geographical location of the energy management device.
106. (Previously Presented) The energy management architecture of claim 105, wherein said geographical location is determined by RF triangulation.

107. (Cancelled).

108. (Cancelled).

109. (Previously Presented) The energy management architecture of claim 101, wherein said communications over said network interface are via Transmission Control Protocol/Internet Protocol ("TCP/IP").

110. (Currently Amended) A method of managing an energy distribution system, said energy distribution system comprising a network, at least one energy management device coupled with said energy distribution system and further coupled to said network, said method comprising:

implementing a power management function with each of said at least one energy management device wherein said power management function comprises at least one of generating power management data, receiving power management data, generating a power management command, or receiving a power management command;

transmitting at least one of said power management data or said power management command, along with a geographical location of said energy management device, over said network; and by a cellular modem wherein said energy management device is coupled to said network by said cellular modem.

authenticating at least one of said power management data or said power management command based on said geographical location.

111. (Previously Presented) The method of claim 110, wherein said energy distribution system comprises an electrical power distribution network.

112. (Previously Presented) The method of claim 110, wherein said network is further coupled to said energy management device by at least one of an Ethernet interface, a wired modem, Bluetooth, or an AC power line data network interface.

113. (Previously Presented) The method of claim 112, wherein said wired modem comprises at least one of a modem using the serial line interface protocol ("SLIP"), a modem using point to point protocol ("PPP"), an integrated services digital network ("ISDN") modem, or digital subscriber line ("DSL") modem.
114. (Currently Amended) The method of claim 110, wherein ~~said~~ a cellular modem is operative to determine a said geographical location of the energy management device.
115. (Previously Presented) The method of claim 114, wherein said geographical location is determined by RF triangulation.
116. (Cancelled).
117. (Cancelled).
118. (Currently Amended) An energy management device for use in an energy management architecture for managing the flow of energy in an energy distribution system, said energy management architecture comprising a network, said energy management device comprising:
- a sensor coupled with said energy distribution system and operative to measure an energy parameter from said energy distribution system;
 - a processor coupled with said sensor and operative to generate power management data based on said measured energy parameter, wherein said processor further is operative to determine a geographical location of said energy management device; and
 - a network interface coupled with said processor and said network and operative to facilitate communications of said power management data and said geographical location over said network, ~~wherein said network interface comprises a wireless connection to said network.~~

wherein said power management data may be authenticated based on said geographical location.

119. (Previously Presented) The energy management device of claim 118, wherein said energy distribution system comprises an electrical power distribution network.
120. (Previously Presented) The energy management device of claim 118, wherein said network interface comprises at least one of an Ethernet interface, a cellular modem, a wired modem, Bluetooth, or an AC power line data network interface.
121. (Previously Presented) The energy management device of claim 120, wherein said wired modem comprises at least one of a modem using the serial line interface protocol ("SLIP"), a modem using point to point protocol ("PPP"), an integrated services digital network ("ISDN") modem, or digital subscriber line ("DSL") modem.
122. (Currently Amended) The energy management device of claim 120, wherein ~~said a~~ cellular modem is operative to determine a said geographical location of the energy management device.
123. (Previously Presented) The energy management device of claim 122, wherein said geographical location is determined by RF triangulation.
124. (Previously Presented) The energy management device of claim 118, wherein said communications over said network interface are via Transmission Control Protocol/Internet Protocol ("TCP/IP").